

Claims

1-9. (Cancelled)

10. (previously presented) A display structure for energizing at least one light-emitting element, comprising:

first and second conductors; and

a plurality of light-emitting elements coupled between said conductors;

wherein said first conductor defines a plurality of tabs and each of said

light-emitting elements is coupled between said second conductor and a respective one of said tabs;

and further including an insulator carried over one of said first and second conductors wherein said insulator defines a plurality of apertures that each receive a respective one of said light-emitting elements.

11. (previously presented) The structure of claim 10, wherein said insulator is configured to permit coupling of said light-emitting elements to said first and second conductors.

12. (previously presented) The structure of claim 10, wherein said light-emitting elements each have anode and cathode surfaces and further including a plurality of resistive members that are each carried over at least one of the anode and cathode surfaces of a respective one of said light-emitting elements.

13. (original) The structure of claim 12, wherein said resistive members are resistive films.

14. (cancelled)

15. (currently amended) ~~The A—display structure of claim 20, for energizing at least one light-emitting element, comprising:~~

~~first and second conductors; and~~

~~a plurality of light-emitting elements coupled between said conductors;  
and further including at least one spacer positioned to space said first and  
second conductors apart wherein said spacer defines an aperture to  
receive a respective one of said light-emitting elements;~~  
wherein said light-emitting elements each have anode and cathode surfaces  
and further including a plurality of resistive members that are each  
carried over at least one of the anode and cathode surfaces of a  
respective one of said light-emitting elements.

16. (original) The structure of claim 15, wherein said resistive members are resistive films.

17. (cancelled)

18. (currently amended) The structure of claim ~~17~~ 20, wherein said light redirectors ~~has~~ have a concave shape.

19. (currently amended) The structure of claim ~~17~~ 20, wherein said light redirectors ~~has~~ have a substantially parabolic shape.

20. (previously presented) A display structure for energizing at least one light-emitting element, comprising:

first and second conductors; and  
a plurality of light-emitting elements coupled between said conductors;  
and further including at least one spacer positioned to space said first and  
second conductors apart wherein said spacer defines an aperture to  
receive a respective one of said light-emitting elements;  
wherein said spacer defines first and second light redirectors positioned to  
redirect light from the respective light-emitting element and that  
diverge with increasing distance from said aperture.

21. (previously presented) A display structure for energizing at least one light-emitting element, comprising:

first and second conductors; and

a plurality of light-emitting elements coupled between said conductors;

and further including at least one spacer positioned to space said first and

second conductors apart wherein said spacer defines an aperture to

receive a respective one of said light-emitting elements;

wherein said spacer defines a light redirector positioned to redirect light from

the respective light-emitting element;

and further including a phosphor film carried on said light redirector to

enhance light radiated by said light-emitting elements.

22. (currently amended) The structure of claim ~~17~~ 20, wherein said light redirector has a cup shape.

23-24 (cancelled)

25. (currently amended) ~~The A display structure of claim 23 for energizing~~  
at least one light-emitting element, comprising:

first and second conductors;

a plurality of light-emitting elements coupled between said conductors; and

at least one wherein said spacer comprises a polymer spacer positioned to  
space said first and second conductors apart, wherein said spacer defines an  
array of cup-shaped light redirectors that are each positioned to redirect light  
from a respective light-emitting element.

26. (previously presented) The structure of claim 20, further including an insulator carried over one of said first and second conductors wherein said insulator defines a plurality of apertures that each receive a respective one of said light-emitting elements.

27. (previously presented) The structure of claim 20, further including an insulator carried on one of said first and second conductors and configured to permit coupling of said light-emitting elements to said first and second conductors.

28. (cancelled)

29. (previously presented) The structure of claim 15, further including a polymer member that encloses said first and second conductors, said light-emitting elements and said resistive members.

30-33. (cancelled)

34. (previously presented) A display structure for energizing at least one light-emitting element, comprising:

first and second conductors;

a plurality of light-emitting elements coupled between said conductors;

at least one spacer positioned to space said first and second conductors apart

wherein said spacer defines:

a) an aperture to receive a respective one of said light-emitting elements; and

b) a light redirector positioned to redirect light from the respective light-emitting element; and

a phosphor film spaced from said light redirector to receive and enhance light redirected by said light redirector.

35. (new) The structure of claim 21, wherein said light-emitting elements each have anode and cathode surfaces, and further including a plurality of resistive members that are each carried over at least one of the anode and cathode surfaces of a respective one of said light-emitting elements.

36. (new) The structure of claim 35, wherein said resistive members are resistive films.

37. (new) The structure of claim 21, wherein said light redirector has a concave shape.

38. (new) The structure of claim 21, wherein said light redirector has a substantially parabolic shape.

39. (new) The structure of claim 21, wherein said light redirector has a cup shape.

40. (new) The structure of claim 21, wherein said light-emitting elements each have anode and cathode surfaces, and further including a plurality of resistive members that are each carried over at least one of the anode and cathode surfaces of a respective one of said light-emitting elements.

41. (new) The structure of claim 40, wherein said resistive members are resistive films.

42. (new) The structure of claim 21, further including an insulator carried over one of said first and second conductors, wherein said insulator defines a plurality of apertures that each receive a respective one of said light-emitting elements.

43. (new) The structure of claim 21, further including an insulator carried on one of said first and second conductors and configured to permit coupling of said light-emitting elements to said first and second conductors.